

Worksheet 5. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. **Consortium Name:** Southeastern Tomato Consortium
 2. **Location:** Alabama, Arkansas, Kentucky, Louisiana, North Carolina, South Carolina, and Tennessee
 3. **Crop:** Tomatoes

Pounds of Methyl Bromide Requested 2007 2,209,526 lbs.

Acres Treated with Methyl Bromide 2007 16,515 Acres

6. **If methyl bromide is requested for additional years, reason for request:**

In the absence of technically and economically-feasible alternatives, methyl bromide will be needed by tomato producers. It is uncertain at this time when suitable alternatives will be available and transferred to producers. Thus, the Consortium is requesting three years of exemption.

2006	<u>2,155,765</u>	<u>lbs.</u>	Area Treated	<u>16,113</u>	<u>Acres</u>
2007	<u>2,209,526</u>	<u>lbs.</u>	Area Treated	<u>16,515</u>	<u>Acres</u>
2008	<u>2,209,526</u>	<u>lbs.</u>	Area Treated	<u>16,515</u>	<u>Acres</u>

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
Metam-Na	X		This potential alternative has an extended time between application and crop planting (compared to methyl bromide) and is not very effective on nutsedge. Efficacy against Verticillium is weak to moderate.
chloropicrin	X		This alternative does not give effective control of nutsedge.
1,3-D	X		This alternative does not give effective control of nutsedge. Problem with 1,3-D phytotoxicity in early spring planting.
1,3-D, chloropicrin	X		This alternative does not give effective control of nutsedge. Problem with 1,3-D phytotoxicity in early spring planting.
1,3-D, brush burning	X		This alternative does not give effective control of nutsedge. Problem with 1,3-D phytotoxicity in early spring planting.
1,3-D, chloropicrin, metam-Na	X		This alternative does not give effective control of nutsedge. Problem with 1,3-D phytotoxicity in early spring planting.
1,3-D, chloropicrin, pebulate	X		This alternative gives good control of nutsedge or nightshade, but is injurious to tomatoes. Problem with 1,3-D phytotoxicity in early spring planting.
1,3-D, metam-Na	X		This alternative does not give effective control of nutsedge.
metam-Na, chloropicrin	X		This alternative does not give effective control of nutsedge
metam-Na, crop rotation	X		This alternative does not give effective control of nutsedge
metam-Na, solarization	X		This alternative does not give effective control of nutsedge
solarization, fungicides	X		This alternative does not give effective control of nutsedge